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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: David A. Shafer

ART UNIT:
1637

FILED: January 16, 2001

EXAMINER:
Fredman, J.N.

SERIAL NO.: 09/744,097

DOCKET:
D6429

FOR: Methods For Detecting and Mapping
Genes, Mutations and Variant
Polynucleotide Sequences

MS AF
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313

CERTIFICATE OF FASCIMILE TRANSMISSION

I hereby certify that this response after Final is being transmitted via facsimile to Examiner Jeffrey N. Fredman at 571-273-8300 on the date below:

Date: April 28, 2006

Benjamin Aaron Adler, Ph.D., J.D.

RESPONSE UNDER 37 C.F.R. § 1.116

Dear Sir:

In response to the Final Office Action mailed October 28, 2005,
please enter the following amendments and consider the following remarks.
Reconsideration of the claims as amended is respectfully requested.

Respectfully submitted,

Date: Apr 28, 2006
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